



ASX Stock Market Game



Team LAST
Lindsay, Anthony, Sean & Tony



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Project Charter

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The Project Charter highlights the main purpose, objectives, risks, constraints and overview of the project letting you, as the client, how we will manage and adapt to produce the product that satisfies your needs.

The project charter can be viewed here:

<https://github.com/s3487579/Capstone-Project-SMG/blob/master/documentation/ProjectCharter.pdf>

Product Backlog

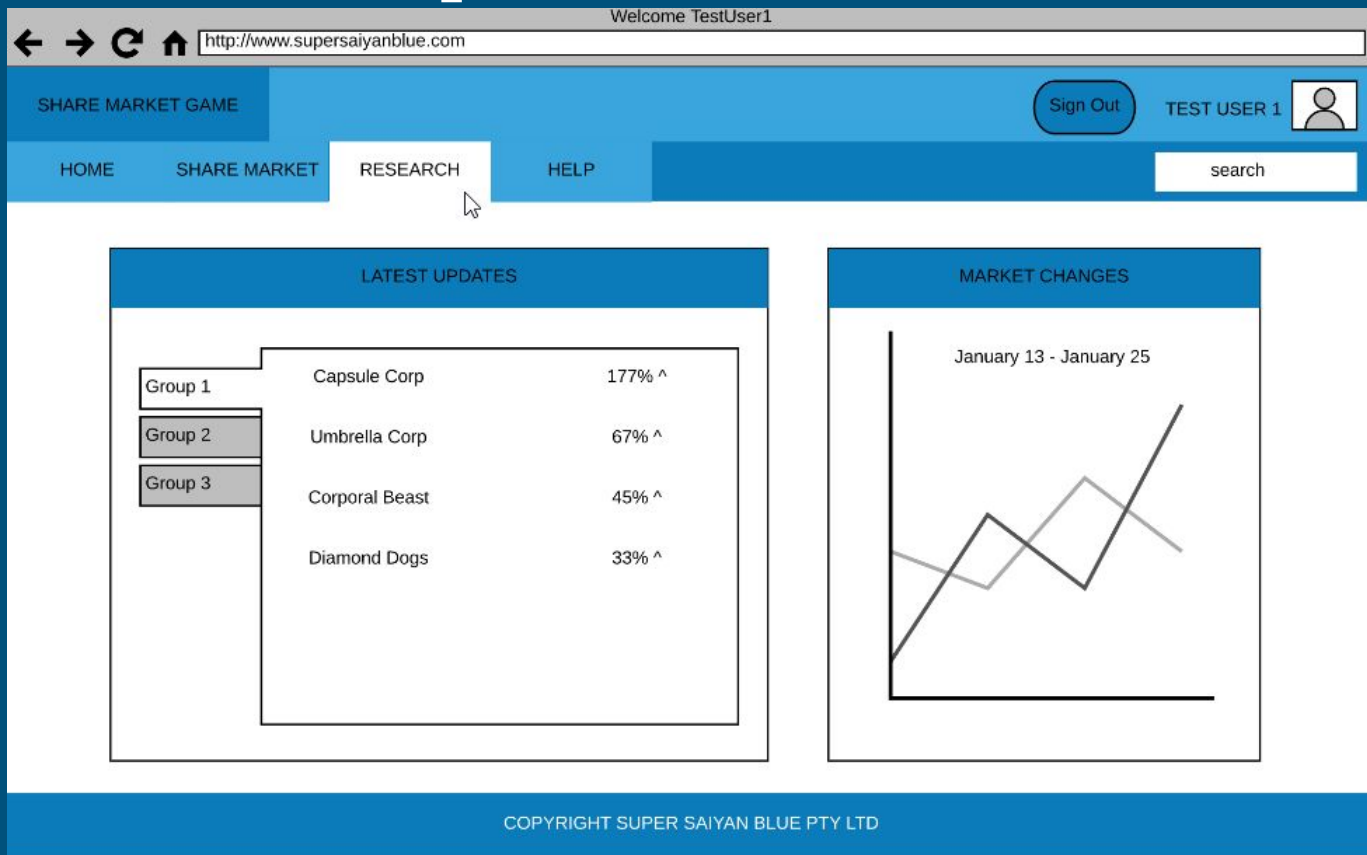
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Link: <http://tinyurl.com/ley8sbs>

A	B	C	D	E	F	G	
ID	ITEM	OWNER	PRIORITY	EFFORT	STATUS	DEFINITION OF DONE	NOTES
1	Create mock-up of web pages	Product Owner	High	Medium	In Progress	Satisfactory design agreed upon	
2	Write code for the website HTML	Developer	High	Medium	In Progress	Users can view and browse HTML pages	Written in HTML, PHP and CSS
3	Write code for the website CSS	Developer	High	Medium	In Progress	All pages are styled and working	Pages will be consistent!
4	Write code for the website PHP	Developer	High	Medium	Not Completed	Pages converted to PHP	
5	Write code for the website Javascript	Developer	High	Medium	Not Completed	Forms, validation, etc. are functional	
6	Write code for the website Database	Developer	High	High	Not Completed	Users can login and view their progress, buy/sell shares will be saved	Written in MySQL, PHP and CSS
7	Link website to database	Developer	High	Medium	Not Completed	Website recognises valid user accounts	
8	Test webpages	Product Owner	High	Medium	Not Completed	Determined to be bug free, error free	
9	User can register as a stock market player	Developer	High	Medium	Not Completed	Users can register a personal account for the game	Testing as various roles; Users' personal account
10	User can login into the game	Developer	High	Medium	Not Completed	Users can login successfully into the game	
11	User can open a trading account	Developer	High	Medium	Not Completed	User is able to trade and exchange shares	
12	Create a leaderboard for the game	Developer	High	Medium	Not Completed	Leaderboard displays the top highest scores from the game	
13	Implement admin functionalities	Developer	High	Medium	Not Completed	Admin user has exclusive privileges such as setting up new session games.	
14	Users can view a summary of transactions with specified dates	Developer	Medium	Medium	Not Completed	A list of the transaction history is listed for the user to view	
15	Users can track the movement of share prices	Developer	High	Medium	Not Completed	A visual graph is shown indicating the prices rising and falling within a certain time period/interval	
16	Support transactions for buying and selling of shares	Developer	Medium	Medium	Not Completed	Transactions of bought/sold shares or listed/shown for the player	
17	Average price of shares in possession and current number of shares held listed	Developer	Medium	Medium	Not Completed	A list is shown of the average price of shares and the current number of shares that the user owns.	
18	Graph showing current share prices	Developer	High	High	Not Completed	Share values display accurately	
19	Graph updating hourly with share prices	Developer	High	High	Not Completed	Share values update accurately	
20	Track top 5 players leaderboard	Developer	Medium	Medium	Not Completed	Player's portfolio value ordered from high-low	
21	User can join a new game session	Developer	Medium	Medium	Not Completed	User is able to participate and have a chance of winning the game	
22	Admin can set up a new game session	Developer	Medium	Medium	Not Completed	Admin enables players able to join new games and prevent players from joining already commenced games	
23	Admin can monitor server operational status	Developer	Medium	Medium	Not Completed	Admin makes sure the servers are running normally for players to connect to the game	
24	Moderators can access the game's database	Developer	Medium	Medium	Not Completed	Moderators can check up on player progress, player numbers and any evidence of cheating	
25	Moderators can assist and guide players	Developer	Medium	Medium	Not Completed	Moderators can assist players to receive assistance or any doubts or problems	

Website Mockup

Menu



Meeting Minutes

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We had 2 meetings during the 4th week. One was face-to-face and one was online via Facebook chat. Tony couldn't make the face-to-face but he was informed on what happened during the meeting. However, everyone attended the Facebook chat meeting. We discussed on the programming framework to use for the project and we have decided to settle on using Meteor since it is a Javascript framework and is most suitable for a website project.

Link to this week's Meeting Minutes:

https://github.com/s3487579/Capstone-Project-SMG/blob/master/documentation/Meeting_Week3_4.pdf

Website Layout and General Coding

Menu

We have started coding the general layout of the website with the main menu tabs and login on the top of the website. The middle area will be where the game will be positioned but for now we have some text as placement. The next slide is a screenshot of the general layout of the website.

Website Layout and General Coding

Menu

HOME  SHARE MARKET \$ RESEARCH  HELP 

LOGIN REGISTER

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Sprint Backlog

[Menu](#)

We have been working on our Sprint backlog. We have one to show for now:

SPRINT #1 BACKLOG			
PBI ID	PBI NAME	TASK ID	TASK
1	User can register as a stock market player	1.1	Determine amount of users
		1.2	Development of login interface
		1.3	Database design
		1.4	Database implementation to the login
		1.5	Website integration

Link:

https://github.com/s3487579/Capstone-Project-SMG/blob/master/documentation/SprintBacklog_number_1.pdf

Github Repository

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We will be using Github as our repository to share our documentation and files for the project publicly to you, allowing you to see our progress.

Link: <https://github.com/s3487579/Capstone-Project-SMG>

Trello Board

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We will be using Trello as a way to keep track of the current progress of the project.

Link: <https://trello.com/b/n4WQC6JZ/stock-market-game>

Additional Notes

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During this week we have been looking into the Meteor framework and gone through some various tutorials to familiarize ourselves with it before starting the actual code for the Stock Market Game. By next week, we will have started coding on the game.